MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

AUGUST, 1944

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

AUGUST 1944

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	54.4	54.0	54.2	54.2	32.2	24.5	27.1	32.2	26.1	28.5
2	4.6	5.3	5.0	5.0	32.9	23.6	27.7	32.7	26.6	29.0
3	5.4	5.0	4.8	5.1	32.3	23.8	27.3	32.3	26.2	28.6
4	4.8	5.2	5.2	5.1	32.1	22.4	27.2	31.5	25.6	28.1
5	5.8	5.4	5.4	5.5	32.2	22.8	27.1	31.7	26.1	28.3
6	55.6	54.9	54.8	55.1	32.5	23.8	27.7	31.7	26.5	28.6
7	5.2	5.2	5.4	5.3	30.9	23.9	27.1	29.1	25.9	27.4
8	6.3	5.9	6.1	6.1	32.0	25.1	27.7	30.4	26.7	28.3
9	7.3	7.0	7.4	7.2	32.2	24.3	26.8	31.7	26.7	28.4
10	7.4	6.9	6.3	6.9	32.3	23.4	27.4	30.5	25.4	27.8
11	56.0	55.4	55.2	55.5	31.2	23.9	27.1	30.7	26.2	28.0
12	5.5	4.9	4.6	5.0	33.2	23.6	27.4	32.5	26.5	28.8
13	4.9	4.5	4.5	4.6	33.2	23.6	27.7	32.9	26.8	29.1
14	4.4	4.5	4.3	4.4	33.1	24.0	27.3	32.0	26.7	28.7
15	4.6	4.8	4.5	4.6	32.8	24.7	27.3	31.7	26.7	28.6
16	54.3	54.4	54.3	54.3	33.2	23.4	28.4	32.3	26.7	29.1
17	3.7	3.7	3.9	3.8	32.6	23.9	27.3	31.7	26.5	28.5
18	4.2	4.4	5.0	4.5	32.5	24.1	27.3	31.9	26.7	28.6
19	5.5	5.5	5.8	5.6	33.3	24.2	27.7	32.6	27.0	29.1
20	5.9	5.0	5.2	5.4	32.8	23.6	27.1	32.8	25.9	28.6
21	55.4	55.2	54.8	55.1	31.8	22.4	27.0	31.3	25.5	27.9
22	5.1	4.6	4.7	4.8	32.1	23.0	25.1	31.7	25.5	27.4
23	4.9	5.4	6.4	5.6	32.2	22.9	25.8	31.5	25.8	27.7
24	7.6	8.4	8.9	3.3	31.3	23.4	26.1	30.1	25.8	27.2
25	8.7	8.3	7.4	8.1	32.1	22.8	26.1	31.6	25.3	27.7
26	55.6	55.2	55.2	55.3	32.2	23.2	25.4	31.8	25.5	27.6
27	4.2	4.9	5.6	4.9	32.1	23.0	25.8	31.6	25.7	27.7
28	6.2	6.4	6.5	6.4	34.2	24.8	27.6	33.5	27.2	29.4
29	7.8	7.8	7.7	7.8	34.4	26.4	28.1	34.1	27.8	30.0
30	9.3	9.7	60.1	9.7	33.2	24.0	28.2	32.9	26.6	29.2
31	9.9	9.6	59.6	9.7	32.0	22.9	27.1	31.2	25.5	27.9
	55.82	55.72	55.76	55.77	32.48	23.72	27.09	31.81	26.23	28.38

Barometer, range for month 753.7 – 760.1 mm.
„ 62-yr. average for month 756.08 mm.
Thermometer, range for month 22°.4 C — 34°.4 C.
„ 62-yr. average for month 28.°50 C.
Rain, total for month 0.0 mm.
„ , 62-yr. average for month 0.51 mm.
„ , total, from Sept. 1st. 813.31 mm.
62-yr. average, total from Sept. 1st. 884.94 mm.
* Beirut Summer time

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METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	19.6	20.1	20.1	19.9	74	56	80	70	13.3	563.0	
2	20.0	20.9	20.9	20.6	73	56	80	70	13.1	586.0	
3	20.8	19.6	19.9	20.1	68	55	79	67	12.7	579.0	
4	18.0	18.7	18.2	18.3	67	54	75	65	12.8	451.0	
5	18.1	19.0	18.1	18.4	68	54	71	64	12.3	322.0	
6	16.0	17.5	18.0	17.2	58	50	70	59	12.2	468.0	
7	18.1	19.4	19.0	18.8	68	65	76	70	10.7	225.0	
8	19.2	20.4	19.5	19.7	70	59	75	68	6.3	282.0	
9	19.1	18.3	19.5	19.0	72	52	75	66	11.8	169.0	
10	16.6	18.2	18.7	17.8	62	56	77	65	12.1	137.0	
11	19.0	20.4	21.3	20.2	71	61	84	72	12.2	249.0	
12	20.0	22.0	21.9	21.3	73	60	85	73	12.4	132.0	
13	20.4	21.8	21.9	21.4	74	58	84	72	12.3	135.0	
14	20.3	21.2	21.3	20.9	75	60	82	72	11.9	468.0	
15	19.1	20.6	20.4	20.0	72	59	78	70	12.1	731.0	
16	19.3	20.7	20.5	20.2	67	57	78	67	12.2	467.0	
17	17.6	19.0	18.9	18.5	66	54	74	65	11.8	435.0	
18	18.3	19.6	21.1	19.7	69	55	81	68	11.7	483.0	
19	20.3	22.2	23.4	22.0	73	60	89	74	12.0	338.0	
20	21.3	21.8	20.4	21.2	81	59	82	74	11.8	257.0	
21	18.9	18.6	17.6	18.4	71	54	72	66	11.7	233.0	
22	15.6	18.3	17.4	17.1	67	52	71	63	11.7	206.0	
23	17.3	18.1	18.0	17.8	70	52	73	65	11.8	298.0	
24	18.1	19.8	19.6	19.2	71	62	81	71	11.8	129.0	
25	17.5	19.3	19.9	18.9	69	56	83	69	11.8	106.0	
26	19.3	18.8	18.7	18.9	80	53	77	70	11.7	201.0	
27	14.2	19.6	19.8	17.9	56	57	80	64	11.8	346.0	
28	17.6	22.5	21.2	20.4	65	58	79	67	11.9	547.0	
29	19.8	24.7	20.2	21.6	70	62	73	68	11.7	428.0	
30	20.9	20.6	18.4	20.0	74	55	70	66	11.6	338.0	
31	18.2	17.5	18.1	17.9	69	51	74	65	11.5	241.0	
	18.64	19.97	19.73	19.46	69.6	56.5	77.6	67.9	11.82	333.87	

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	1cu	0	0.3	2sw	2sw	1sw	calm	
2	1cu	1cu	0	0.7	2sw	2sw	1sw	„	
3	1cu	0	0	0.3	2sw	2sw	0	„	
4	0	0	0	0.0	1sw	2sw	0	light	
5	1cu	0	0	0.3	0	1sw	0	calm	
6	1cu	1cu	0	0.7	0	1sw	0	calm	
7	1cu	10cu	0	3.7	1sw	1sw	0	„	
8	6cu	10cu	3cu	6.3	1sw	1sw	1sw	light	
9	4cu	2cu	6cu	4.0	1sw	2sw	0	„	
10	1cu	2cu	0	1.0	0	1nw	0	calm	
11	0	0	0	0.0	1ne	1ne	0	calm	
12	0	0	0	0.0	1sw	1w	0	„	
13	0	1cu	0	0.3	1sw	1w	0	„	
14	0	1cu	0	0.3	1sw	2sw	0	„	
15	0	3cu	0	1.0	2sw	2sw	1sw	„	
16	0	0	0	0.0	2sw	2sw	0	calm	
17	0	1cu	0	0.3	1sw	3sw	0	„	
18	0	0	0	0.0	3sw	2sw	0	„	
19	0	0	0	0.0	1sw	2sw	0	„	
20	1cu	1cu	0	0.7	0	2sw	0	„	
21	5cu	1cu	0	2.0	1sw	2sw	0	calm	
22	1cu	2cu	0	1.0	1sw	1sw	0	„	
23	1cu	0	0	0.3	1sw	2sw	0	„	
24	1cu	0	0	0.3	0	1sw	0	„	
25	1cu	0	0	0.3	0	1sw	0	„	
26	0	0	0	0.0	0	1sw	0	calm	
27	0	0	0	0.0	1sw	1sw	0	„	
28	0	0	0	0.0	0	2ne	2ne	light	
29	0	0	0	0.0	1ne	1ne	0	slight	
30	2cu	0	0	0.7	1w	1nw	0	„	
31	5cu	1cu	3cu	3.0	1sw	1w	0	light	
				0.88					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	2	0	0	0	20	1	0	8	31
14:30	0	3	0	0	0	23	3	2	0	31
20:30	0	1	0	0	0	4	0	0	26	31
Totals	0	6	0	0	0	47	4	2	24	93

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 0.2 days